

Toll Gate Keepers at Mouth of Provo Canyon Station

Tenure
Dates:

Toll Gate Keeper Life span Ped Fgs Pict Hist

Ref

William Wright (1831-1903)

HBUM

PEDIGREE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FGS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PICTURES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HISTORIES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

PEDIGREE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FGS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PICTURES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HISTORIES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Leonidas Moses Worthen Mecham (1804-

HBUM pp 967
968

PEDIGREE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FGS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PICTURES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HISTORIES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Amasa Lyman Penrod (

PEDIGREE	<input type="checkbox"/>	<input type="checkbox"/>
FGS	<input type="checkbox"/>	<input type="checkbox"/>
PICTURES	<input type="checkbox"/>	<input type="checkbox"/>
HISTORIES	<input type="checkbox"/>	<input type="checkbox"/>

Notes

Toll Gate keepers at Mouth of Pryor Canyon
Station

Toll Gate keepers list for 1st Hist
Ref

NAME

William Wright

NAME	WRIGHT
POST	
PICTURES	
HISTORY	

NAME	WRIGHT
POST	
PICTURES	
HISTORY	

NAME

Moses Wright

NAME	WRIGHT
POST	
PICTURES	
HISTORY	

Amasa Lyman Farnes

NAME	FARNES
POST	
PICTURES	
HISTORY	

Toll Gate Keepers At Rattlesnake Flat Station in Provo Canyon

Tenure
Dates

Keeper

Life
Span

Ped FGS Pict Hist.

Ref

1876 Samuel Pyne
o Leah

PEDIGREE	<input type="checkbox"/>
FGS	<input type="checkbox"/>
PICTURES	<input type="checkbox"/>
HISTORIES	<input type="checkbox"/>

John Curtis Parcell (1825-1890)

HBLUM
pp 975-976

(1) Mary Kellog

(2) Esther Lewis Herbert

PEDIGREE	<input type="checkbox"/>
FGS	<input type="checkbox"/>
PICTURES	<input checked="" type="checkbox"/>
HISTORIES	<input checked="" type="checkbox"/>

PEDIGREE	<input type="checkbox"/>
FGS	<input type="checkbox"/>
PICTURES	<input checked="" type="checkbox"/>
HISTORIES	<input checked="" type="checkbox"/>

Tell Gate Keepers At Rattlesnake Flat Station

in Pecos Canyon

<input type="checkbox"/>	ADDRESS
<input type="checkbox"/>	PO
<input type="checkbox"/>	PICTURES
<input type="checkbox"/>	HISTORIES

<input type="checkbox"/>	ADDRESS
<input type="checkbox"/>	PO
<input type="checkbox"/>	PICTURES
<input type="checkbox"/>	HISTORIES

<input type="checkbox"/>	ADDRESS
<input type="checkbox"/>	PO
<input type="checkbox"/>	PICTURES
<input type="checkbox"/>	HISTORIES

Toll Gate Keepers At Half Way House in Provo Canyon

Tenure
Dates

Keeper

Life
Span

Ped FGS Pict Hist

Reference

William Watson Ferguson (1835-1897)

PEDIGREE	<input type="checkbox"/>
FGS	<input checked="" type="checkbox"/>
PICTURES	<input checked="" type="checkbox"/>
HISTORIES	<input type="checkbox"/>

HBUM pp
1121-1122

Treasures of
Pioneer History
Vol 6: 402-4

Known Toll Gate Keepers in Provo Canyon

Known Toll Gate Keepers in Grove Canyon

Known Toll Gate Keepers in Provo Canyon:

Picts of Toll Houses	Gate Keepers	Ref.	Ped.	FGS	Hist	Pict.	Date Done
✓	William ^{Watson} (Billy) Ferguson (1889-1897) & Sarah Bird	Memoria that Live TH-		✓		✓✓	
✓	Moses Mecham & Elvira Derbyf. (1859-605)	HBUM p968 Fras Provoan Hist 6:301			✓	✓✓	
✓	Samuel & Leah Pyne						
✓	William Wright ^{at No End Springdale} (1) Gemma Hards (2)	HBUM p1042			✓	✓	
✓	Amasa Lyman Penrod Rebecca Wright						
	George Baum (1) (2)						
✓	John Curtis Parcell 18705 Esther Lewis Herbert	HBUM p975-6			✓	✓✓	

SHORT TERM RECORD

NAME

DOCTOR

ADMIT DATE

DISCHARGE DATE

CHIEF COMPLAINT

PRESENT ILLNESS

PAST HISTORY

ALLERGIES

CURRENT MEDS.

PHYSICAL EXAM

LAB & X-RAY

PROCEDURES/PROGRESS NOTES

FINAL DIAGNOSIS

DISPOSITION

SIGNATURE

11/07
Toll Gate Keepers in Povo Canyon
Horse
P.O.

Provo Canyon Toll Gate Keepers

Pictures

who served there	Where Located	Picture
Amasa Lyman Penrod	Mouth of Canyon	
Moses Worthen Mechem		
Wm Watson Ferguson	below Vivian Park	✓
Samuel Pyne & Leah	on Hill NE of Canyon Glen	✓
Wm Wright	Dugway NE of Canyon Glen	✓

adiabatic process

{ad-ee-uh-bat'-ik}

Adiabatic compression and expansion are thermodynamic processes in which the pressure of a gas is increased or decreased without any exchange of heat energy with the surroundings. In fact, any process that occurs without heat transfer is called an adiabatic process. (See HEAT AND HEAT TRANSFER.)

The adiabatic compression or expansion of a gas can occur if the gas is insulated from its surroundings or if the process takes place quickly enough to prevent any significant heat transfer. This is essentially the case in a number of important devices, including air compressors, rockets, and internal combustion engines. The propagation of sound through the atmosphere also takes place due to a series of adiabatic compression and expansion waves.

An adiabatic expansion is usually accompanied by a decrease in the gas temperature. This can be observed in the case of a common aerosol can, which becomes cold after a quantity of gas has been released. The reason for the temperature drop is that the gas is released too quickly to absorb any significant heat energy from its surroundings. Thus, the work performed in expanding the released gas drains some of the internal energy of the gas still in the can, making it colder. Once the can itself becomes cold to the touch, however, the process is no longer adiabatic. In a similar fashion, adiabatic compression usually increases the temperature of a gas, since work is done on the system by the surroundings. For example, when air is pumped into an automobile tire, the air's temperature rises as a result of compression.

Adiabatic compression and expansion also occur in liquids and solids. Liquid and solid matter, however, compress and expand to a much smaller degree than matter in the gaseous state.

Gary S. Settles

Bibliography: Resnick, R., and Halliday, D., Physics for Students of Science and Engineering, Part I (1960); Taffel, Alexander, Physics (1986).

See also: CARNOT CYCLE; GAS LAWS; THERMODYNAMICS.

1011 (2916) 40262

Plans Ahead on:

Tellgates & Billy Ferguson
Half Way House

#	What To Do:	Date Done
✓1.	See Anna Bachus in Orem & interview Earl	May 2001
✓2.	See Glen ^{Smith} Leon Ferguson in Am Fork Lehi	Apr 2001
3.	See Vern Swanson @ Springville Art Gallery See Art Exhibit at Springville on Joseph Kerby	
✓4.	See Leiliatt Hechtle @ UT Co Engineer Office	2000
✓5.	Get copy of her Vivian Park Book	2000
✓6.	Search Heart Throbs - pp 104-117 of Vol 10	2000
✓7.	" Neff's Hist. of Utah p 316-317	2000
✓8.	" John M Turner's "Pioneers of Wasatch	2001
✓9.	" OUR Memories that Live," pp 121 especially	2000
✓10.	" HBUM pp 967, 975-6, 1042,	2000-1
✓11.	" OUR Treas. of Pioneer History Vol 6: 301-348	2001
12.	Get Glen S Ferguson story of how he got picture	
13.	" Earl Eugene Bachus " " " " " "	

Toll Gates in Provo Canyon

- ② one at (Wick's) or Springdell (Natural Gate)
(Wick Bartlett)
- ① one at mouth of Provo Canyon -
Moses Meckham.
- ③ one at Dugway NE of Canyon Glen
(Rattlesnake Flat)
- ④ one at Billy Ferguson's (Sr.)
Half way House

~~Toll collectors~~
~~Billy Ferguson Sr~~
~~William Wright~~
~~others?~~
~~Moses Meckham~~

Project:

Season:

Tools for the job:

Date
Done:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

How to do it: (sequence)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10

Promo Canyon Toll Road
as ^{Gates} toll road 1858 to 1878
25¢ ea trip

1878

Road improved & toll stopped
Killing Fish & powder ~

Ref - 23 Dec 1906 Waver "Hist. Wasatch State"

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with our famous
Meat Lovers[™] Pizza.



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One Medium | Two Medium
Veggie Lovers[™] or
Meat Lovers[™] Pizzas
Please mention coupon when ordering. Not valid with
any other offer.
Offer Expires: July 22, 1990.

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1/20¢ cash redemption value.

only \$3.00
Get a Medium Cheese Pizza for
When you buy your first medium
Cheese Pizza for \$6.99
Toppings Extra
Please mention coupon when ordering. Not valid with any
other offer.
Offer Expires: July 22, 1990.

FSI (31)
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1/20¢ cash redemption value.

\$11.99
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2-Topping Pizzas
Please mention coupon when ordering. Not valid with any
other offer.
Offer Expires: July 22, 1990.

FSI (29)
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1/20¢ cash redemption value.

\$1.99
Supreme Personal
Pan Pizza[®]
Please mention coupon when ordering. Not valid with any
other offer. Valid for dine-in or carryout. Personal Pan Pizza[®] is
available Monday-Saturday 11:00am-4:00pm, 5-minute guar-
antee applies Monday through Friday 11:30am-1:00pm to
featured selections on orders of five or less.
Offer Expires: July 22, 1990.

FSI (36)
©1990 Pizza Hut, Inc.
1/20¢ cash redemption value.

Toll gates ^{were} ~~was~~ operated by
(1st) Billy Ferguson 1/2 mile below
Viridian Park -

Was there more than one toll gate? yes

(2) on Dugway above Canyon Glen

Ref. Stan H. Roberts 2-28-87

Partial List of Known Tollgate Keepers in Provo Canyon:

Which Gate	Name of Gate Keeper
	Daniel Don Bigelow (1866-1954)
	Daniel " (1842-1921)
	Wm Jasper Boren ^{Boren} Clinton Coleman Sam LeRoy Boren
	George Baum
	CO (1)
	(2)
✓ Healy Ave	Wm Watson Ferguson
	Lewis Mechem Jr
✓ mouth Canyon defunct	Mechem Mechem & Elmer Derby
✓ "	John Charles Burt
✓ Mouth Canyon Canyon Gate	Thomas Lyman Bennett Rebecca Wright
	Samuel & Jack Pyne
✓ Mouth Canyon	Tom Knight
	HBUM 1042

Bibliography on Artist: Joseph Kerby
including Sources of Information

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